

SJDI  
LOCAL STANDARD ITEM

FY-2004  
ITEM NO: 099-01  
DATE: 04 DEC 2002  
CATEGORY: I

1. SCOPE:

1.1 Title: Environmental Requirements For Work Within Naval Station Ingleside

1.2 Location of Work:

1.2.1 Naval Station Ingleside, TX

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 Environmental Protection Agency Regulations (EPA) 40 CFR

2.3 Department of Transportation Regulations (DOT) 49 CFR

2.4 Texas Administrative Code, Title 30, Chapter 335, Industrial Solid  
Waste and Municipal Hazardous Waste

2.5 Occupational Safety and Health Regulations (OSHA) 29 CFR 1910 and 1915

2.6 NAVSTAINGLESIDEINST 5090.1 Hazardous Waste Management Plan

2.7 Applicable Regulated Waste Manifest Form

3. REQUIREMENTS:

3.1 The following requirements shall be observed, in addition to the specific requirements of the Job Order, for all work accomplished on naval ships and craft within Naval Station, Ingleside (NAVSTA).

3.2 Accomplish the requirements of 009-09 of 2.1, for an "Environmental Management Procedure". This procedure shall address controls and operational actions which will be employed to ensure no adverse environmental impact and shall include the requirements of 3.2.1 through 3.2.4.5.

### 3.2.1 Spill Contingency and Control Plan

3.2.1.1 Provide name, address, office and home telephone number of an emergency coordinator and one alternate. Submit updates to this list each time representatives are added or deleted.

3.2.1.2 Describe the methods and work practices to be employed to prevent discharges of any volume ashore or to the waters adjacent to NAVSTA.

3.2.1.3 Describe the contractors spill clean-up capability (i.e. equipment such as oil skimmers, absorbent pads/booms, etc.).

3.2.1.4 Identify a standby sub-contractor in case a discharge exceeds the prime contractor's clean-up capability. Provide name, address and telephone number of the sub-contractor, estimated response time, clean-up capabilities and certify that the sub-contractor will respond if called regardless of time/weather, etc. Provide a point of contact, alternate and 24 hour telephone number for these persons.

3.2.1.5 Notify the following agencies immediately upon discovery of any discharges to land or surface water:

NAVSTA Security Dispatch - Phone 776-4238 (911 from a station phone line)  
NAVSTA Duty Officer - Phone 438-6394 (cellular) 361-812-8349 (pager)  
NAVSTA Environmental Branch - Phone 776-4542, 776-4298 or 776-4241  
Port Operations (for spills to water only) - Phone 776-4293 (Dispatcher)  
National Response Center - Phone 800-424-8802 (for all reportable spills: waterborne or on land)  
Texas General Land Office - Phone 800-832-8224 (all waterborne oil spills)  
Texas Commission on Environmental Quality (TCEQ)-Phone 800-832-8224 (waterborne hazardous material spills & oil/hazardous materials spills on land)  
SUPSHIP Jacksonville Detachment Ingleside Project Office for the availability  
SUPSHIP Jacksonville Detachment Ingleside Environmental - Phone 776-5979

3.2.1.6 Provide documentation of successful accomplishment of spill training for all spill team members.

3.2.2 Describe pumping operations (liquid transfer to barge/tank or vice versa or any combination):

3.2.2.1 Notify NAVSTA Fire Department and Port Operations prior to commencing pumping operations.

3.2.2.2 No pumping or overboard transfers are allowed from 30 minutes after sunset until sunrise.

3.2.2.3 Describe the continuous communications between pump tender and barge/tank tender to allow immediate shutdown if upset occurs during pumping/transfer operations.

3.2.2.4 Specify methods for gauging compartment volume in barge/tank. Maximum volume to be 90 percent of capacity.

3.2.2.5 Describe provisions to tag pump lines to indicate where line is originating from (i.e. ship tank/void) and pump number.

3.2.2.6 Describe procedures for monitoring trucks and pumping equipment: ensure all storm drains are covered during pumping operations.

### 3.2.3 Waste Disposal

3.2.3.1 To the maximum extent practicable all regulated hazardous waste and State Regulated waste generated by the contractor on NAVSTA shall be properly managed, packaged, manifested and transported off of the NAVSTA daily in accordance with 2.2 through 2.6. Exceptions are small quantities of waste (less than one 55 gallon drum per contract or per job order) and all empty hazardous material containers which shall be turned over to NAVSTA for disposal or those wastes which require analysis to determine proper classification and disposal methods. The latter wastes shall be stored in areas designated by NAVSTA for up to 45 days on a case basis. Upon classification the contractor shall arrange for transport and disposal of the waste in accordance with 2.2 through 2.4 and 2.6 within 3 working days. No waste shall remain on the pier/wharf overnight.

3.2.3.2 Specify that co-generated waste requires the contractor to provide analysis of Hazardous Waste(HW), method of waste transfer, approved EPA HW transporter ID Number, approved federal or state disposal site, notification to the government of waste to be disposed of by EPA waste code and volume. All HW and Texas Regulated wastes generated on NAVSTA shall be manifested using NAVSTA generator ID Number, signed by NAVSTA Environmental and co-signed by the contractor. Provide documentation (e.g. Bill of Lading, etc) for fuels being recycled. Documentation must show signature of Receiving Facility.

3.2.3.3 Indicate that no HW is to be shipped by water.

3.2.3.4 Provide a copy of the manifest and land disposal restriction form to NAVSTA Environmental for signature by individuals from NAVSTA Environmental who have been delegated signature authority by the Commanding Officer of NAVSTA.

3.2.3.5 Develop, provide and utilize a checklist to ensure that transporter vehicles comply with 2.3 and 2.4 requirements.

3.2.3.6 Provide certification that the disposal site is legally authorized to accept, store, treat or dispose of the identified waste.

3.2.3.7 Provide documentation of HW training to NAVSTA Environmental, via the SUPERVISOR, for all required personnel in accordance with 2.2 and 2.4.

#### 3.2.4 Hazardous Material (HM)

**3.2.4.1 Provide a listing identifying the type, quantity and labelling system of each hazardous material stored or used by the contractor at NAVSTA. This list shall be provided to the SUPERVISOR prior to use or storage of each HM. Contractor shall identify the methods that will be used to inform other employer(s) of any precautionary measures that need to be taken to protect their employees during the work place's normal operating conditions and in foreseeable emergencies.**

3.2.4.2 Provide monthly and at the end of the contract (within 5 working days) a report identifying the type, with MSDS, and quantity of each hazardous material used by the contractor at NAVSTA. This report shall be provided to Naval Station Environmental with a copy to the SUPERVISOR.

3.2.4.3 Provide documentation of training for personnel using HM as required by Subpart Z 1200, (Hazard Communication Standard) of 2.2.

3.2.4.4 Describe how the contractor shall remove HM from NAVSTA upon completion of the job and how such material shall be safely stored in areas designated by NAVSTA Environmental or in designated areas on ship.

**3.2.4.5 Indicate that no HM shall be stored on Government Property or on barges or in tanks/voids (other than in assigned and properly labelled storage areas). No hazardous material shall remain on the pier/wharf overnight.**

3.3 Water pollution control for discharge of any material emanating from any equipment or system, during ship overhaul/repair, shall be in accordance with the following:

**3.3.1 There shall be no direct or indirect discharge of solids into the water. All generated wastes (including blast material) must be contained during the entire operation, keeping containers closed at all times except when adding/removing wastes. At no time shall wastes be thrown, potentially blown, or otherwise discharged overboard.**

3.3.2 Abrasive Blasting and Paint Surface Preparation:

3.3.2.1 No abrasive blasting or open scraping or grinding of any exterior paint or non-skid surface (i.e. surfaces exposed to the environment) shall take place without prior approval by the SUPERVISOR and NAVSTA Environmental of the contractor's method of waste containment (i.e. shrouding, pontoons/lighters, and vacuum equipment and description of how blast debris will be collected, stored, tested and disposed).

3.3.2.2 Transfer of Solids - Any container to container transfer of paint, blast, scraping/grinding debris shall be conducted in an area completely sheltered from wind and rain. All containers shall remain closed at all times except during transfer of contents. Under no circumstances are compressed air hoses or fire hoses to be used to wash paint debris overboard or to deck drains discharging into the bilges. Under no circumstances are paint debris of any kind to be dumped into the Collection, Holding, and Transfer System. Hazardous Waste procedures shall be followed to dispose of paint debris containing heavy metals.

3.3.3 Painting - Any painting of exterior surfaces must take place in a manner that shall prevent any paint from reaching the surface of the water. Number or overall amount of open paint containers shall be minimized, and all containers shall be secured. Exterior painting shall not occur during inclement weather or during times when inclement weather is anticipated before paint would dry.

3.3.4 Overboard Discharge - There shall be no overboard discharge of petroleum products, blast or grinding material/waste, food matter, cleaning fluids, paint, chemicals or soap products. Under no circumstances is any detergent to be washed overboard through deck drains. If decks must be washed with detergent appropriate measures shall be taken to control discharge to the water.

3.3.5 Disposal of HW - HW and Texas Regulated waste generated by contractor on NAVSTA shall be handled in accordance with the following requirements:

3.3.5.1 These requirements are applicable to any HW and Texas Regulated waste as defined by 40 CFR Part 261 or Texas Hazardous and Solid Waste Management Regulations.

3.3.5.2 The contractor is responsible for properly identifying and classifying the waste. Provide laboratory analysis for each waste stream on an annual cycle (due the first quarter of each fiscal year), or if the process or constituents change. Submit a Waste Classification Document for each waste stream. Provide, at a minimum, the following analyses:

bilge water	TCLP (metals, solvents), TOX, TPH
cleaning solutions	TCLP (metals), pH

oils	flash point, total metals, TOX
paint waste (liquid)	TCLP (metals, solvents), flash point
paint waste (solid)	TCLP (metals, solvents)
blasting media	TCLP (metals)

All analysis results shall be provided to NAVSTA Environmental and the SUPERVISOR within 24 hours of contractor receipt of results.

3.3.5.3 Samples of paint solids shall be analyzed using Toxicity Characteristic Leachate Procedure (TCLP) test method for metals to establish safety and environmental requirements prior to any abrasive removal operations. Analysis results shall be provided to NAVSTA Environmental via the SUPERVISOR. Spent abrasive blast material shall be analyzed (TCLP) for metals to determine HW characteristics prior to disposal.

3.3.5.4 Properly package all waste in accordance with 2.2 and 2.3.

3.3.5.5 Properly mark all waste in accordance with Federal, State, and Local regulations.

3.3.5.6 Properly control all waste until removed for disposal, including placing waste in non-leaking containers and keeping containers closed at all times unless adding waste. Store HW only in areas designated by NAVSTA Environmental. No waste shall remain on the pier/wharf overnight.

3.3.5.7 Perform weekly inspections of all containers stored in NAVSTA designated areas pending classification to ensure proper segregation and containerization of waste. All spills shall be promptly contained, cleaned up and reported. Document results of weekly inspections in a log book available for review by the SUPERVISOR and NAVSTA Environmental upon request.

3.3.5.8 Notify the SUPERVISOR and NAVSTA Environmental at least 24 hours prior to scheduled transport.

3.3.5.9 Submit one legible copy of 2.7 signed by the generator and transporter to the SUPERVISOR within 24 hours of transport.

3.3.5.10 Submit one legible copy of 2.7 signed by the owner or operator of the disposal facility to the SUPERVISOR within 48 hours of return receipt from the owner or operator of the disposal facility.

#### 3.4 NAVSTA will:

3.4.1 Retain the right to inspect all HM/HW Management activities performed by the contractor.

3.4.2 Retain the right to take any/all wastes from the contractor if deemed necessary to protect the Government's interests. In this event, the Navy may take appropriate credit for any and all costs incurred and work not performed.

3.4.3 Retain the right to stop contractor work in the event of serious safety and environmental violations.

3.4.4 Provide the NAVSTA's EPA and Texas generator identification numbers to the contractor for use on all manifests for shipment of HW and Texas Regulated wastes.

3.4.5 Provide an accumulation area for staging of waste generated under this job order which is awaiting classification.

3.4.6 Provide oversight (as necessary) to all spill clean-up operations.

3.4.7 Review and sign all manifests prior to shipment.

3.5 The contractor shall be responsible for all services and equipment not provided by NAVSTA.

4. NOTES:

4.1 None.